

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.	SERIAL NO.			
		871-103	Unknown			
APPLICANT						
NATHAN et al						
(Use several sheets if necessary)		FILING DATE	GROUP			
		July 12, 2001	2152			
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5166886	11/92	Molnar			
	5237157	8/93	Kaplan			
	4677565	6/87	Ogaki			
	4949187	8/90	Cohen			
	4920432	4/90	Eggers			
FOREIGN PATENT DOCUMENTS				TRANSLATION		
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
[LSP3]A 9318465	9/93	WIPO				
A 2122799	1/84	Great Britain				
A 9120082	12/91	WIPO				
A 2193420	2/88	Great Britain				
A0313359	4/89	Europe				
A2259398	3/93	Great Britain				
A3820835	1/89	Germany				
A2602352	2/88	France				
A0631283	12/94	Europe				
A0283350	9/88	Europe				
A94 03894	2/94	WIPO				
A9007843	7/90	WIPO				
A0082077	6/83	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

		[LSP4]

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE			ATTY. DOCKET NO.	SERIAL NO.		
CITATION			871-103	Unknown		
APPLICANT						
NATHAN et al						
(Use several sheets if necessary)			FILING DATE	GROUP		
			July 12, 2001	2152		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,597,058	6/1986	IZUMI et al.			
	4,186,438	1/1980	BENSON et al.			
	4,335,809	6/1982	WAIN			
	4,654,799	3/1987	OGAKI et al.			
	4,528,643	7/1985	FREENY, Jr.			
	4,703,465	10/1987	PARKER			
	4,787,050	11/1988	SUZUKI			
	5,418,713	5/1995	ALLEN			
	5,341,350	8/1994	FRANK et al.			
	4,958,835	9/1990	TASHIRO et al.			
	4,956,768	9/1990	SIDI et al.			
	4,922,420	5/1990	NAKAGAWA et al.			
	4,761,684	8/1988	CLARK et al.			
	4,667,802	5/1987	VERDUIN et al.			
	4,658,093	4/1987	HELLMAN			
	4,652,998	3/1987	KOZA et al.			
	4,636,951	1/1987	HARLICK			
FOREIGN PATENT DOCUMENTS						
TRANSLATION						
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	2,170,943	8/1986	Great Britain			n/a
	60-253082	12/1985	Japan			X
	2-153,665	6/1990	Japan			X
	63-60634	3/1988	Japan			X
	62-284496	12/1987	Japan			X
	58-179892	10/1983	Japan			X
	5-74078	10/1993	Japan			X
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)						
	[LSP5]					
*Examiner			Date Considered			

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 871-103	SERIAL NO. Unknown
APPLICANT NATHAN et al			
(Use several sheets if necessary)		FILING DATE July 12, 2001	GROUP 2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,582,324	4/1986	KOZA et al.			
	4,572,509	2/1986	SITRICK			
	4,521,014	6/1985	SITRICK			
	4,412,292	10/1983	SEDAM et al.			
	4,335,908	6/1982	BURGE			
	3,982,620	9/1976	KORTENHAUS			
	5,191,611	3/1993	LANG			
	5,058,089	10/1991	YOSHIMARU et al.			
	4,766,581	8/1988	KORN et al.			
	4,949,187	8/1990	COHEN			
	5,041,921	8/1991	SCHEFFLER			
	5,191,573	3/1993	HAIR			
	5,355,302	10/1994	MARTIN et al.			
	4,232,295	11/1980	McCONNELL			
	4,937,807	6/1990	WEITZ et al.			
	4,811,325	3/1989	SHARPLES, Jr. et al.			
	5,781,889	7/1998	MARTIN et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	TRANSLATION		
			CLASS	SUBCLASS	YES NO
62-192849	8/1987	Japan			X
4 244 198	6/1994	Germany (see USPN 5,691,964)			X
2,193,420	2/1988	Great Britain			n/a
2,259,398	3/1993	Great Britain			n/a
0 309 298	3/1989	Europe			n/a

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner _____ Date Considered _____

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION

Docket No.

Serial No.

871-103**Unknown**

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001**2152**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,192,999	3/1993	Graczyk			
	5,481,509	1/1996	Knowles			
	5,445,295	8/1995	Brown			
	5,703,795	12/1997	Mankowitz			
	5,949,688	9/1999	Montoya			
	5,734,719	3/1998	Tsevdos			
	4,722,053	1/1988	Dubno			
	5,762,552	6/1998	Vuong			
	5,619,247	4/1997	Russo			
	5,513,117	4/1996	Small			
	5,431,492	7/1995	Rothschild			
	5,845,104	12/1998	Rao			
	4,999,806	3/1991	Chernow			
	5,548,729	8/1996	Akiyoshi			
	5,495,610	2/1996	Shing			
	5,734,961	3/1998	Castille			
	5,341,350	8/1994	Frank			
	5,809,246	9/1998	Goldman			

FOREIGN PATENT DOCUMENTS

						TRANSLATION	
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	DE A 3,820,835	1/1989	GERMANY				
	WO 95 03609 A	2/1995	WIPO				
	WO 96 12258 A	4/1996	WIPO				
	EPO 0 425 168 A	5/1991	Europe				
	WO 94 15416 A	7/1994	WIPO				
	WO 86 01326 A	2/1986	WIPO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	"High-speed Opens and Shorts Substrate Tester", IBM Technical Disclosure Bulletin, Vol. 33, No. 12, May 1991, pages 251-259.
	Bonczek, Robert H. et al, "The DSS Development System", 1983 National Computer Conference, Anaheim, California, May 16-19, 1983, pp. 441-455.
	IBM Technical Disclosure Bulletin, Vol. 30, No. 5, October 1987, "Method for Automated Assembly of Software Versions", pp. 353-355.
	"Robotic Wafer Handling System for Class 10 Environments" IBM Technical Disclosure Bulletin, Vol. 32, No. 9A, Feb. 1990, pages 141-143.
	"Darts Revolution Again", Replay Magazine, March 1991, pages 146-148.

Examiner* _____ Date Considered _____

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION

871-103

Unknown

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001

2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,704,804	11/1987	Leal			
	5,375,206	12/1994	Hunter			
	4,924,378	5/1990	Hershey			
	5,138,712	8/1992	Corbin			
	5,260,999	11/1993	Wyman			
	5,559,505	9/1996	McNair			
	5,496,178	3/1996	Back			
	5,594,509	1/1997	Florin			
	5,613,909	3/1997	Stelovsky			
	5,691,778	11/1997	Song			
	5,774,672	6/1998	Funahashi			
	5,357,276	10/1994	Banker			
	5,684,716	11/1997	Freeman			
	5,668,592	9/1997	Spaulding			
	5,339,413	6/1994	Koval			
	5,457,305	10/1995	Akel			
	5,465,213	11/1995	Ross			

FOREIGN PATENT DOCUMENTS

							TRANSLATION	
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS		YES	NO
	WO 96/12256	4/1996	WIPO					
	EPO 0283304	9/1988	Europe					
	EPO 0363186	4/1990	Europe					
	EPO 0480558	4/1992	Europe					
	JP 57-173207	10/1982	Japan (Abstract only)					
	JP10-098344	4/1998	Japan (Abstract only)					
	JP 08-279235	10/1996	Japan (Abstract only)					
	WO 98/45835	10/1998	WIPO					
	EP 0919964	6/1999	Europe					

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Galen A. Grimes, " Chapter 18, Taking Advantage of Web-based Audio."
	Petri Koskelainen "Report on Streamworks™"
	W. Richard Stevens, "TCP/IP Illustrated: Vol. 1, the Protocols"
	Nowell Outlaw "Virtual Servers Offer Performance benefits for Networks Imaging"

Examiner* Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION

871-103

Unknown

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001

2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE		
				CLASS	SUBCLASS	IF APPROPRIATE
	5,832,287	11/1998	Atalla			
	5,915,094	6/1999	Kouloheris			
	5,887,193	3/1999	Takahashi			
	5,835,843	11/1998	Haddad			
	5,884,028	3/1999	Kindell			
	5,276,866	1/1994	Paolini			
	5,583,994	12/1996	Rangan			
	5,475,835	12/1995	Hickey			
	5,966,495	10/1999	Takahashi			
	5,559,549	9/1996	Hendricks			
	5,511,000	4/1996	Kaloi			
	6,018,337	1/2000	Peters			
	4,926,485	5/1990	Yamashita			
	5,726,909	3/1998	Krikorian			
	4,558,413	12/1985	Schmidt			
	5,708,811	1/1998	Arendt			
	5,913,040	6/1999	Rakavy			
	5,959,869	9/1999	Miller			

FOREIGN PATENT DOCUMENTS

							TRANSLATION	
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS		YES	NO
	WO 96/12255	4/1996	WIPO					
	EP0817103	1/1998	Europe					
	EP 0982695	3/2000	Europe					
	EP 0498130	8/1992	Europe					
	EP 0632371	1/1995	Europe					
	EP 0841616A2	5/1998	Europe					
	EP 0498130A2	8/1992	Europe					
	WO 96/12257	4/1996	WIPO					

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Examiner* Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION**871-103****Unknown**

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001**2152**

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,930,765	7/1999	Martin			
	5,774,668	6/1998	Choquier			
	5,867,714	2/1999	Todd			
	5,790,856	8/1998	Lillich			
	5,923,885	7/1999	Johnson			
	6,009,274	12/1999	Fletcher			
	5,619,698	4/1997	Lillich			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	EP 0786122 B1	7/1997	Europe				
	GB 2 238680 A	6/1991	Great Britain				
	DE 19610739	9/1997	Germany				
	EPO 0256921	2/1988	Europe				
	WO 94/15306	7/1994	WIPO				
	GB 2,262,170 A	6/1993	Great Britain				
	EPO 0,340,787	11/1989	Europe				
	WO 93/16557	8/1993	WIPO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Examiner* _____ Date Considered _____

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION**871-103****Unknown**

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001**2152**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,790,671	8/1998	Cooper			
	5,566,237	10/1996	Dobbs			
	5,959,945	9/1999	Kleiman			
	5,239,480	8/1993	Huegel			
	5,203,028	4/1993	Shiraishi			
	4,825,054	4/1989	Rust			
	5,428,252	6/1995	Walker			
	4,677,311	6/1987	Morita			
	5,315,161	5/1994	Robinson			
	4,675,538	6/1987	Epstein			
	4,868,832	9/1989	Marrington			
	5,012,121	4/1991	Hammond			
	5,612,581	3/1997	Kageyama			
	5,570,363	10/1996	Holm			
	4,829,570	5/1989	Schotz			
	6,151,634	11/2000	Glaser			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	WO 94/14273	6/1994	WIPO				
	EP 0538319 B1	4/1993	Europe				
	DE 3820835 A1	1/1989	Germany				
	EP 0140593 A2	5/1985	Europe				
	GB 2166328A	4/1986	Great Britain				
	WO 95/29537	11/1995	WIPO				
	DE 3,723,737 A1	1/1988	Germany				
	EP 0464562 A2	1/1992	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Examiner*		Date Considered		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE
CITATION

871-103

Unknown

Applicant

NATHAN et al.

Filing Date

Group

July 12, 2001

2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,793,980	8/1998	Glaser			
	5,917,835	6/1999	Barrett			
	5,163,131	11/1992	Row			
	5,197,094	3/1993	Tillery			
	5,668,788	9/1997	Allison			
	5,848,398	12/1998	Martin			
	5,864,870	1/1999	Guck			
	5,420,923	5/1995	Behyers			
	6,072,982	6/2000	Haddad			
	5,592,551	1/1997	Lett			
	6,002,720	12/1999	Yurt			
	5,790,172	8/1998	Imanaka			
	4,792,849	12/1988	McCalley			
	5,644,714	7/1997	Kikinis			
	5,798,785	8/1998	Hendricks			
	5,862,324	1/1999	Collins			
	5,917,537	6/1999	Lightfoot			
	5,931,908	8/1999	Gerba			
	5,978,855	11/1999	Metz			
	5,262,875	11/1993	Mincer et al.			
	5,237,322	8/1993	Heberle			

FOREIGN PATENT DOCUMENTS

						TRANSLATION
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES
	EP 0959570 A1	11/1999	Europe			
	EP 0 974896 A1	1/2000	Europe			
	EP 0 507 110	10/1992	Europe			
	WO 91/08542	6/1991	WIPO			
	199954012	4/2000	Australia			
	07281682	10/1995	Japan (Abstract only)			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Examiner*		Date Considered
-----------	--	-----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)